

Form 1449* <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>	Docket Number: G&C 184.2-US-11	Application Number: 10/685,983
	Applicants: Yuriy Zakharov et al.	
	Filing Date: October 15, 2003	Group Art Unit: <del>217</del> 2193

U.S. PATENT DOCUMENTS (COPY NOT PROVIDED)						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/CD/	5,062,102 A	10/29/91	Taguchi			

  

FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

  

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) (COPIES PROVIDED)	
/CD/	Bjorck, A., 1996, "Numerical Methods for Least Squares Problems," Siam, Philadelphia, XP002299484, page 269, line 1 – page 270, line 3, page 277, line 16 – page 278, line 14 ✓
/CD/	He Guiqing et al., Dec. 5, 1996, "Decorrelator-based neighbour-searching multiuser detector in CDMA systems," Electronics Letters, XP006006080, 32(25):2307-2308 ✓
/CD/	Luenberger, D.G., 1973, "Introduction to Linear and Nonlinear Programming," Addison-Wesley, XP002299483, Chapter 7.8, paragraph 1 – paragraph 4 ✓
/CD/	Luo, J., et al., June 5, 2000, "A class of coordinate descent methods for multiuser detection," Proceedings ICASSP, IEEE Int'l Conf on Acoustics, Speech and Signal Processing, XP010506602, 5:2853-2856 ✓
/CD/	Polak, E., 1971, "Computational Methods in Optimization – A Unified Approach," Academic Press, New York, XP002299482, page 42, line 25 – page 43, line 19 ✓
/CD/	Tan, P.H. et al., 2000, "Linear interference cancellation in CDMA based on iterative techniques for linear equation systems," IEEE Transactions on Communications IEEE, USA, XP002299480, 48(12):2099-2108 ✓
/CD/	Zakharov, Y.V. et al., Apr. 29, 2004, "Multiplication-free iterative algorithm for LS problem," Electronics Letters, XP002299481, 40(9):567-568 ✓

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/CD/	6,256,587	07/03/2001	Jericevic et al.			
	6,230,101	05/08/2001	Wallis			
	6,212,478	04/03/2001	Alvarado			
	6,209,014	03/27/2001	Prasad			
	6,078,938	06/20/2000	Pan et al.			
	5,949,480	09/07/1999	Gerhart et al.			
	5,907,497	05/25/1999	Raghunath			
	5,887,186	03/23/1999	Nakanishi			
	5,732,001	03/24/1998	Nakayama et al.			
	5,717,621	02/10/1998	Gupta et al.			
/CD/	5,682,341	10/28/1997	Kim et al.			
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
/CD/	WO 00/44141	07/27/2000	PCT ✓			
/CD/	WO 03/012736	02/13/2003	PCT ✓			
/CD/	EP0425296	10/25/1990	European ✓			
/CD/	EP0523544	07/09/1992	European ✓			
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
/CD/		Murthy et al., "Gaussian-elimination-based algorithm for solving linear equations on mesh-connected processors", IEE Proc.-Comput. Digit. Tech., Vol. 143, No. 6, November 1996, pp. 407-412. ✓				
/CD/		Chen et al., "Multiplierless Approximation of Transforms using Lifting Scheme and Coordinate Descent with Adder Constraint", IEEE 2002, 0-7803-7402-9/02, pp. 3136-3139. ✓				
/CD/		S.Y. Lin, "A Parallel Processing Multi-Coordinate Descent Method with Line Search for a Class of Large-Scale Optimization - Algorithm and Convergence", IEEE 1991 CH3076-7/91/0000-2096, pp. 2096-2097. ✓				
/CD/		Ian S. Duff, "Matrix Methods", Department for Computation and Information, Atlas Centre, Rutherford Appleton Laboratory, Oxon OX11 0QX, November 24, 1998, pp. cover sheet, i, 1-22. ✓				

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/CD/	5,604,911	02/18/1997	Ushiro				
	5,548,798	08/20/1996	King				
	5,490,278	02/06/1996	Mochizuki				
	5,464,868	11/07/1995	Frolich et al.				
	5,392,429	02/21/1995	Agrawal et al.				
	5,323,007	06/21/1994	Wemick et al.				
	5,319,586	06/07/1994	Gupta et al.				
/CD/	5,301,342	04/05/1994	Scott				
FOREIGN PATENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
/CD/	EP0637803	07/22/1994	European ✓				
/CD/	EP0896428	07/16/1998	European ✓				
/CD/	EP1081908	08/29/2000	European ✓				
/CD/	EP1143346	04/03/2001	European ✓				
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